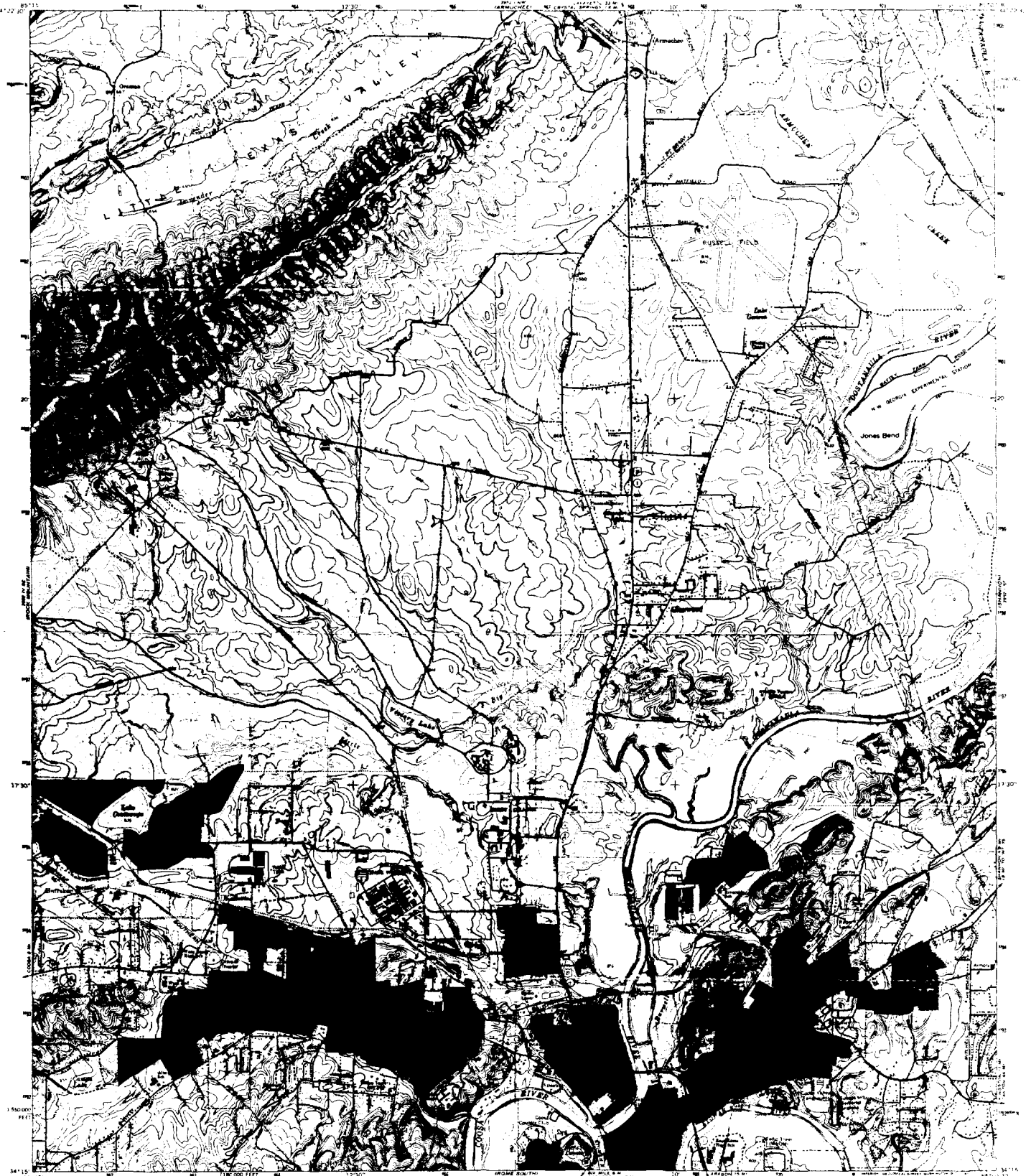


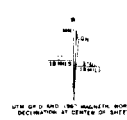
FIGURE 2
SHEET 2 OF 2

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ROME NORTH QUADRANGLE
GEORGIA - FLOYD CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Map compiled and published by the Geological Survey
Control by USGS, USCGS, USCE, and Georgia Geologic Survey
Topography by photogrammetric methods from aerial photographs
taken 1964. Field checked 1967.
Elevation: 1929 North American datum
10,000 foot grid based on Georgia coordinate system, west zone
1000 meter (Universal Transverse Mercator) grid ticks
zone 18, UTM-18N
Fine red dashed lines indicate section fence and field lines where
generally visible on aerial photographs. This information is unclassified
and not included in areas in which only approximate buildings are shown.



SCALE 1:24,000
CONTOUR INTERVAL 30 FEET
DATUM: 1929 NORTH AMERICAN

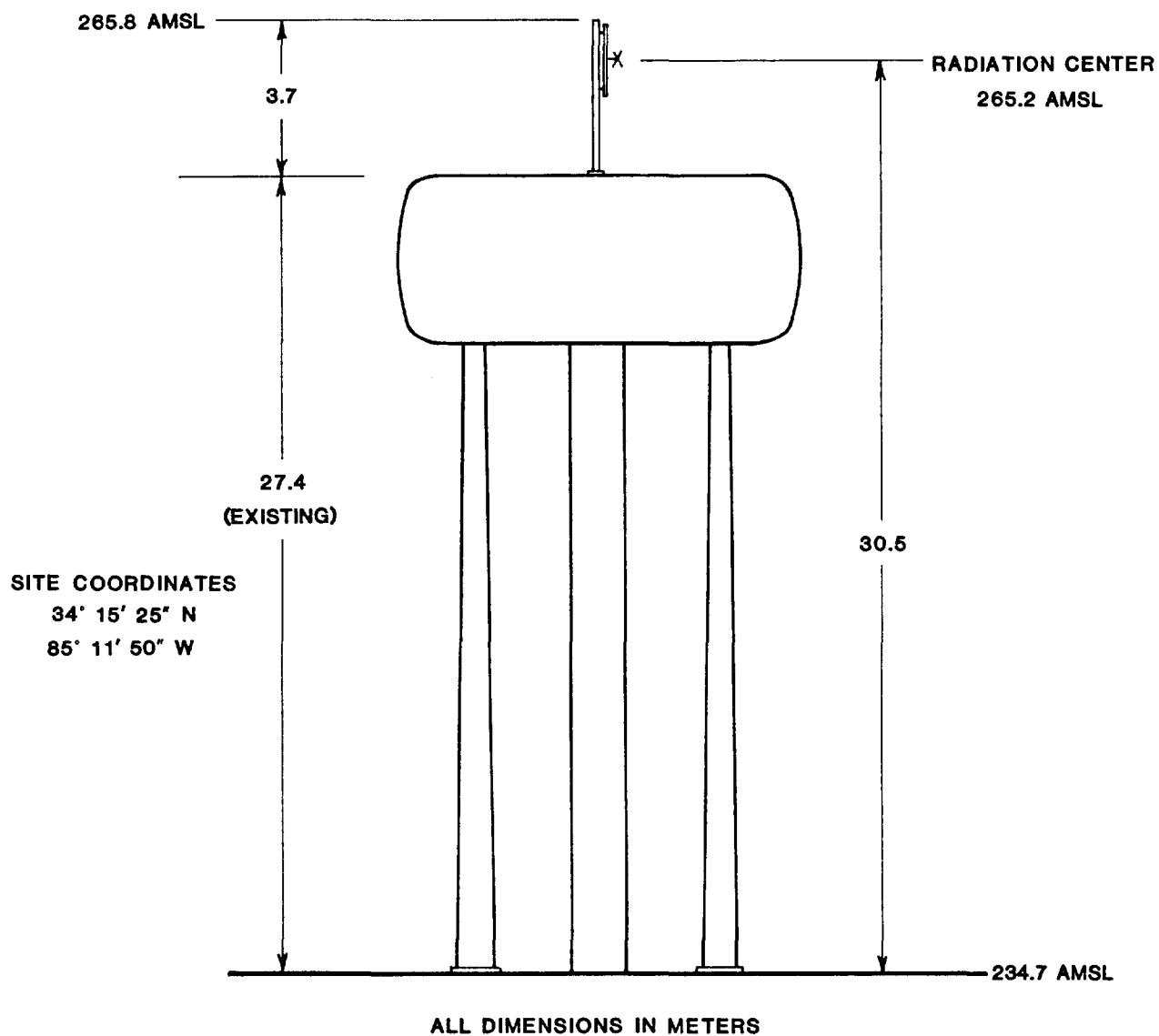


ROAD CLASSIFICATION
Primary highway, all weather: Light duty road, all weather
Secondary highway, all weather: Improved surface
Unimproved road, all weather: Unimproved road, all weather
State Route: State Route

THIS MAP COMPILED WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY WASHINGTON, D.C. 20542
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROME NORTH, GA.
NORTH - 1929
1964
AMS 1962 / SW - SERIES 1964

NOVEMBER 1985



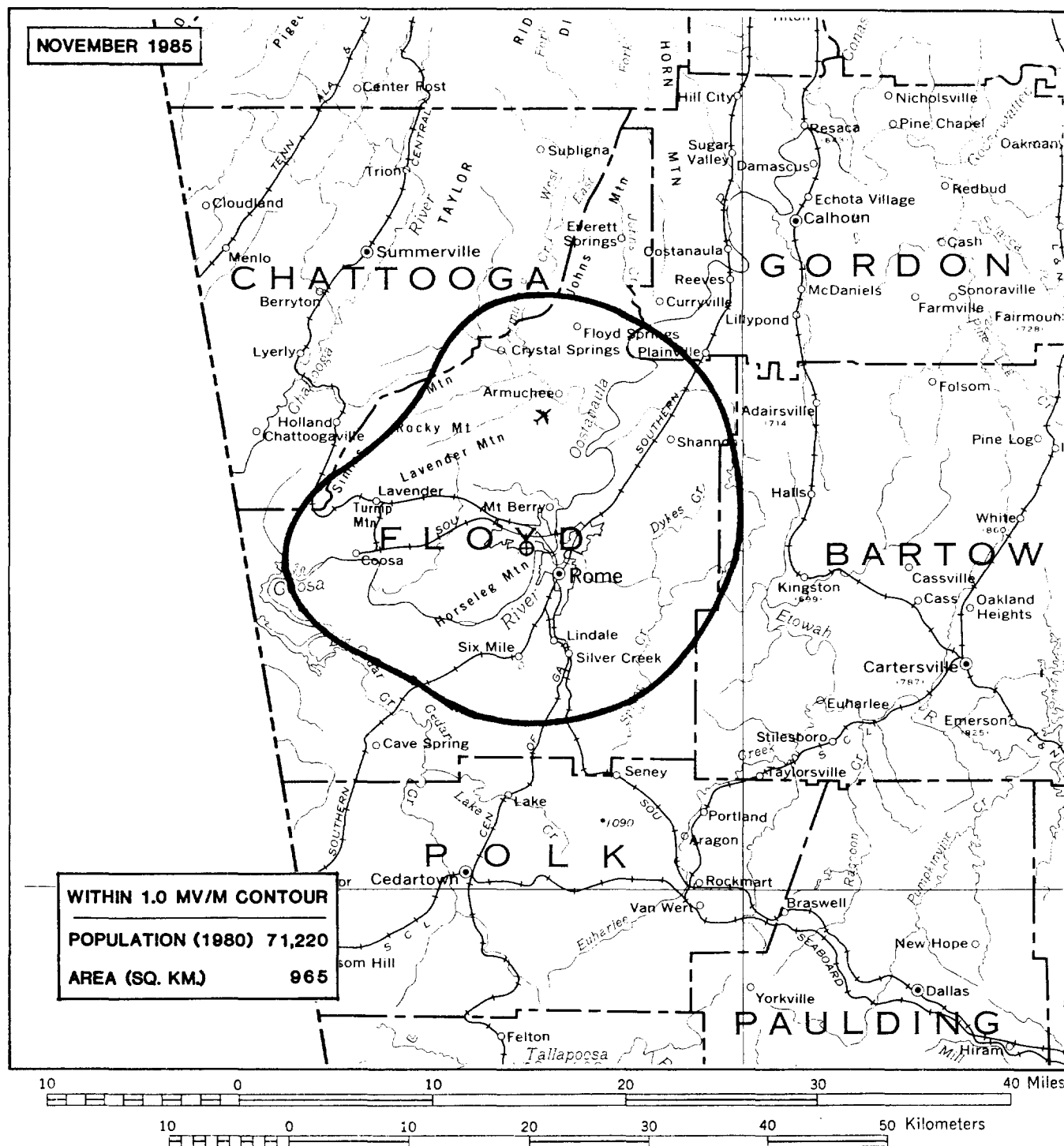
PROPOSED ANTENNA AND SUPPORTING STRUCTURE

SHORTER COLLEGE

ROME, GEORGIA

CH 217C2 4.4 KW 40 M

duTreil - Rackley Consulting Engineers



PREDICTED 1 MV/M COVERAGE CONTOUR

SHORTER COLLEGE

ROME, GEORGIA

CH 217C2 4.4 KW 40 M

duTreil - Rackley Consulting Engineers

Figure 5

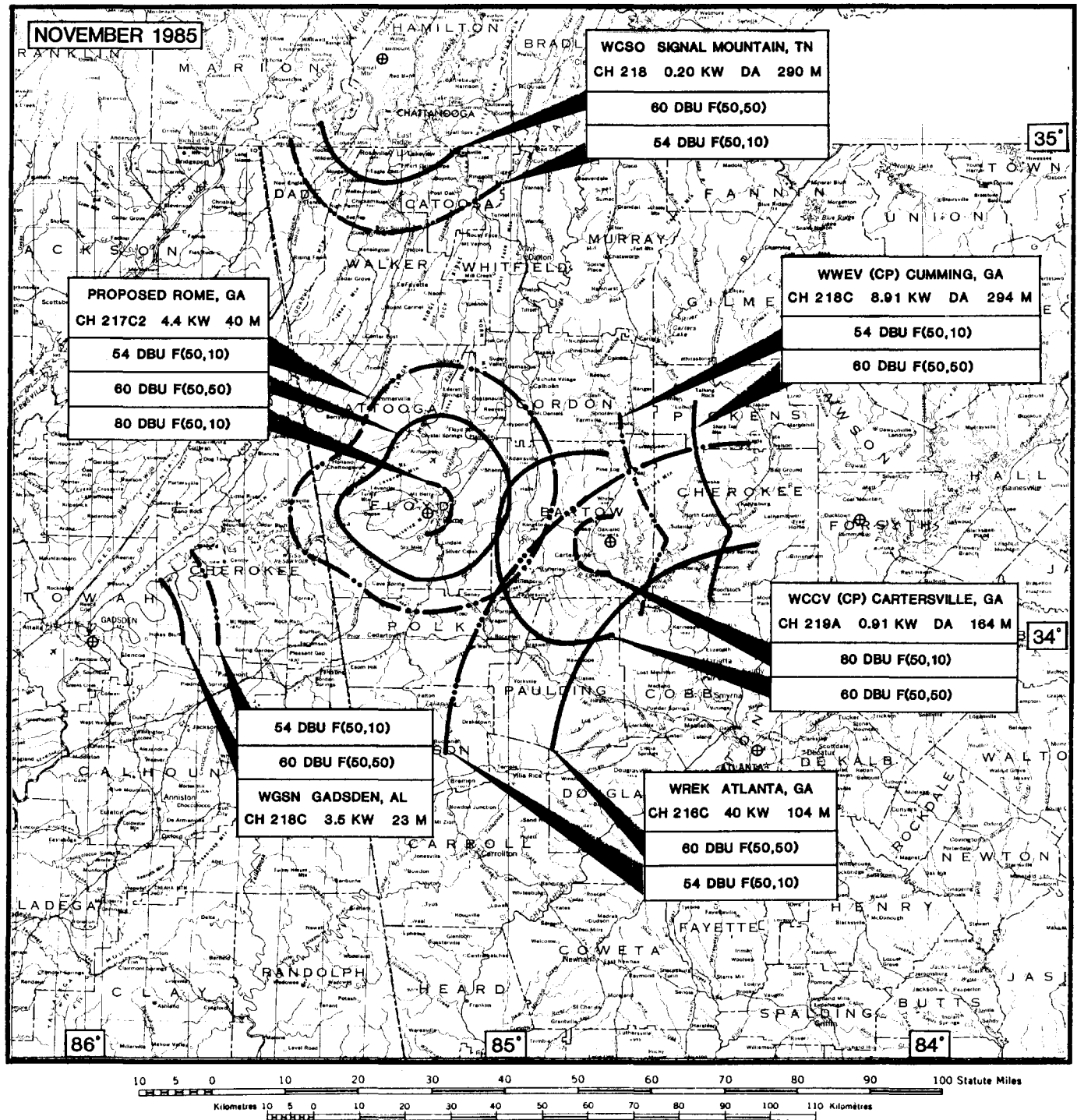
ENGINEERING EXHIBIT
 APPLICATION FOR FM CONSTRUCTION PERMIT
 SHORTER COLLEGE
 ROME, GEORGIA
 CH 217C2 4.4 KW 40 M

Tabulation of Average Elevations
 and Distances to Coverage Contours

Radial Bearing (deg T.)	Antenna Height Above Average Terrain (meters)	Distance to Contour		
		80 dBu F(50,50) (kilometers)	60 dBu F(50,50) (kilometers)	54 dBu F(50,10) (kilometers)
0	63.3	6.6	21.1	32.0
45	60.5	6.4	20.8	31.5
90	44.5	5.6	17.7	27.0
135	33.8	4.8	15.6	23.2
180	23.7*	4.7	14.6	22.0
225	29.6*	4.7	14.6	22.0
270	56.2	6.3	20.0	30.4
315	12.3*	4.7	14.6	22.0
Average	40.5 (Rounded to 40)			

* Height of 30 meters assumed for values less than 30 meters.

FIGURE 6



ALLOCATION STUDY

SHORTER COLLEGE

ROME GEORGIA

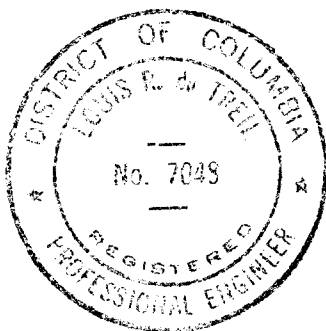
CH 217C2 4.4 KW 40 M

duTreil - Rackley Consulting Engineers

ENGINEERING EXHIBIT
APPLICATION FOR FM CONSTRUCTION PERMIT
SHORTER COLLEGE
ROME, GEORGIA
CH 217C2 4.4 KW 40 M

Certification

Louis R. du Treil certifies that he is a partner in the firm of du Treil-Rackley, Consulting Engineers, with offices in Washington, D. C.; that he is a graduate electrical engineer and is registered as a professional engineer in the District of Columbia (No. 7048) and the State of Louisiana (No. 7977); that his qualifications as an expert in radio and television engineering are known to the Federal Communications Commission; that the foregoing exhibit was prepared by him or under his direction on behalf of Shorter College, Rome, Georgia; and that the technical information is true and correct to the best of his knowledge and belief.



Louis R. du Treil
Louis R. du Treil, P. E.

November 20, 1985

Name of Applicant Shorter College

1. Purpose of authorization applied for:

Amendment of application with engineering statement date of November 20, 1985.

☒ Construct a new station☐ Install Auxiliary system

Change:

☐ Effective radiated power☐ Frequency☐ Antenna height above average terrain☒ Transmitter location
Correction of site
coordinates only.☐ Studio location outside community of license☐ Other (Summarize briefly the nature of the changes proposed.)

2. Community of license:

State

Georgia

City or Town

Rome

3. Facilities requested:

Frequency

Channel No.

Class (Check one below)

91.3

MHz

217☐ A
☐ C☐ B
☐ C1☐ B1
☒ C2☐ D

4. Geographic coordinates of antenna (to nearest second)

North Latitude 34[°] 15' 25"West Longitude 85[°] 11' 45"

5. Effective radiated power:

Polarization

Horizontal Plane

Maximum (Beam tilt only)

Horizontal

4.4

kW

N/A

kW

Vertical

4.4

kW

N/A

kW

6. Height in meters of antenna radiation center:

Above
Average terrain (HAAT)Above
Mean Sea LevelAbove
Ground

Horizontal

40

meters

265.2

meters

30.5

meters

Vertical

40

meters

265.2

meters

30.5

meters

7. Is a directional antenna being proposed?

☐ YES ☒ NOIf Yes, attach as Exhibit No. N/A an engineering statement with all data specified in Section 73.316(d) of the Commission's Rules.

8. Transmitter location: State Georgia County Floyd
City or Town Rome Street Address (or other identification) Water tower at Shorter College

9. Overall height of complete structure above ground, including all
appurtenances and lighting (if any, see Part 17). 31.1 meters

10. Attach as Exhibit No. Eng. map(s) (Sectional Aeronautical charts or equivalent) of the area proposed to be served and shown thereon:

- (a) Proposed transmitter location and the radials along which the profile graphs have been prepared;
- (b) The 1mV/m predicted contour;
- (c) Area (sq. mi.) and population (latest census) within 1 mV/m contour;
- (d) Scale of miles or kilometers (kilometers if available).

11. Attach as Exhibit No. N/A a map (Sectional Aeronautical charts where obtainable) showing the present and proposed 1 mV/m (60 dbu) contours.

Enter the following from Exhibit above: N/A Gain Area _____ sq. mi.
Loss Area _____ sq. mi.

Percent change (gain area plus loss area as percentage of present area) _____ %.
If 50% or more this constitutes a major change. Indicate in question 2(e), Section I, accordingly. N/A

12. If the main studio will not be within the boundaries of the principal community to be served, attach as Exhibit No. N/A a justification pursuant to Section 73.1125(f) of the Commission's Rules.

13. Attach as Exhibit No. Eng. map(s) (7.5 minute U.S. Geographic Survey topographic quadrangles if available) of the proposed antenna location showing the following information:

- (a) Proposed transmitter location accurately plotted with the latitude, the longitude lines clearly marked and showing a scale of statute kilometers.
- (b) Transmitter location and call letters of all AM broadcast stations within 2 miles of the proposed antenna location.

14. If there are any FM or TV stations within 200 feet of proposed antenna or non-broadcast radio stations (except amateur and citizens band), or established commercial and government receiving stations in the general vicinity which may be adversely affected by the proposed operation, attach as Exhibit No. N/A the expected effect, a description of remedial steps that may be pursued if necessary, and a statement from the applicant accepting full responsibility for the elimination of any objectionable effect on existing stations.

15. Tabulation of Terrain Data. (Calculated in accordance with the procedure prescribed in Section 73.313 of the Commission's Rules utilizing 7.5 minute topographic maps, if available.)

Radial bearing (degrees true)	Height of antenna, radiation center above average elevation of radial (3-16 kilometers) Meters	Predicted Distance
		To the 1 mV/m contour Kilometers
0°	63.3	21.1
45°	60.5	20.7
90°	44.5	17.7
135°	33.8	15.6
180°	23.7	14.6
225°	29.6	14.6
270°	56.2	20.0
315°	12.3	14.6

Allocation Studies

(See Subpart C of Part 73 of the Commission's Rules and Regulations)

16. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico? ☐ Yes ☒ No

If Yes, attach as Exhibit No. N/A a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

17. With regard to stations within 320 kilometers (199 miles) of the common border between the United States and Mexico, attach as Exhibit No. N/A information required in 1/.

18. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), then with regard to stations more than 320 kilometers (199 miles) from the common border between the United States and Mexico on this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as Exhibit No. 1/ a complete allocation study to establish the lack of prohibited overlap of contours involving these stations. The allocation study should include the following:

- The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
- Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
- Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
- Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
- Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
- When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
- A scale of miles and properly labeled longitude and latitude lines, shown across the entire (Exhibit(s)). Sufficient lines should be shown so that the location of the sites may be verified.
- The name of the map(s) used in the exhibit(s).

- 1/ A showing that the proposed operation meets the minimum distance separation requirements. If any separations are proposed that are less than the applicable minimum separation requirements plus 15 kilometers, include these stations. Also include existing stations, proposed stations, and cities which appear in the Table of Assignments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

19. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada?

☐ Yes ☒ No

If Yes, attach as Exhibit No. N/A a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947.

20. With regard to station separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as Exhibit No. N/A information required in 1/(separation requirements involving intermediate frequency [i.f.] interference).

21. Is the proposed operation on Channel 218, 219 or 220?

☐ Yes ☒ No

If Yes, attach as Exhibit No. N/A information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222, and 223.

22. Is the proposed station for a channel in the range from Channel 201 to 221 (88.1-91.9 MHz) and the proposed antenna location within the Grade B contour of a channel 6 television station or sufficiently near the Grade B contour that a question of interference to channel 6 may be raised?

☒ Yes ☐ No

If Yes, attach as Exhibit No. Eng. a map showing the Grade B contour of the television station and the proposed antenna location. Also include discussion of the possibility of interference to the Channel 6 station and the steps proposed to remedy any interference which may occur.

23. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)?

☐ Yes ☒ No

If Yes, attach as Exhibit No. N/A information required in 1/ (Except for class D [secondary] proposals.)

24. If the proposed antenna location is in or near a populated area, attach Exhibit No. Eng. a discussion of blanketing and the steps proposed to remedy any interference which may occur.

25. Environmental Statement, See Part I, Subpart 1 of the Commission's Rules.

Would a Commission grant of this application be a major action as defined by Section 1.1305 of the Commission's Rules?

☐ Yes ☒ No

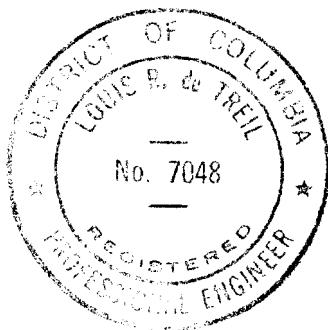
If Yes, attach as Exhibit No. a narrative statement in accordance with Section 1.1311 of the Commission's Rules.

If No, explain briefly. Overall height of antenna and support structure is less than 300 feet.

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

December 10, 1985

Date



Louis R. du Treil, P. E.

Name

Louis R du Treil

Signature (check appropriate box below)

1200 18th Street, N. W., Suite 607

Address (include ZIP Code)

Washington, D.C. 20036

(202) 659-3055

Telephone No. (include Area Code)

☐ Technical Director

☒ Registered Professional Engineer

☐ Chief Operator

☐ Technical Consultant

☐ Other (Specify)

Section V-G

Antenna and Site Information

Name of Applicant Shorter College	Call Sign New	Station Location Rome, Georgia
Purpose of Application (Put "X" in appropriate box) <input checked="" type="checkbox"/> New antenna construction <input type="checkbox"/> Amendment of application with <input type="checkbox"/> Alteration of existing antenna structure <input type="checkbox"/> Change in location engineering statement of November 20, 1985		Facilities Requested CH 217C2, 4.4 kW, 40 meters

1. Location of Antenna:
- | | | |
|------------------|-----------------|----------------------|
| State
Georgia | County
Floyd | City or Town
Rome |
|------------------|-----------------|----------------------|
- Exact antenna location (*street address*). If outside city limits, give name of nearest town and distance and direction of antenna from town.
Atop water tower at Shorter College.

Geographical coordinates (*to nearest second*). For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude	34° 15' 25"	West Longitude	85° 11' 45"
----------------	-------------	----------------	-------------

2. Is the proposed site the same transmitter-antenna site of other stations authorized by the Commission or specified in another application pending before the Commission? ☐ YES ☒ NO

If Yes, give call sign: N/A

3. Has the FAA been notified of proposed construction? ☐ YES ☒ NO
If Yes, give date and office where notice was filed. Overall height is less than 200 feet.

4. List all landing areas within 5 miles of antenna site. Give distance and direction to the nearest boundary of each landing area from the antenna site.

Landing Area	Distance	Direction
(a) None		
(b)		
(c)		

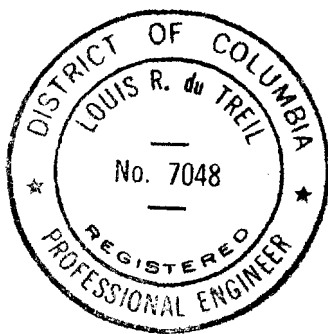
5. Attach as Exhibit No. Eng. a description of the antenna system, including whether tower(s) are self-supporting or guyed. If a directional antenna, give spacing and orientation of towers.

Tower		#1	#2	#3	#4	#5	#6
Overall height above ground (include obstruction lighting)	meters	31.1					
	feet	102					
Overall height above mean sea level (include obstruction lighting)	meters	265.8					
	feet	872					

6. Attach as Exhibit No. Eng a vertical plan sketch for the proposed total structure (including supporting building, if any) giving heights above ground in feet and meters for all significant features. Clearly indicate existing portions, noting lighting, and distinguish between the skeletal or other main supporting structure and the antenna elements.

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

December 10, 1985



Louis R. du Treil, P. E.

Name

Louis R. du Treil

Signature (Check appropriate box below)

1200 18th Street, N.W., Suite 607

Address (include ZIP Code)

Washington, D.C. 20036

(202) 659-3055

Telephone No. (Include Area Code)

☐ Technical Director

☒ Registered Professional Engineer

☐ Other (specify)

☐ Technical Consultant

☐ Chief Operator

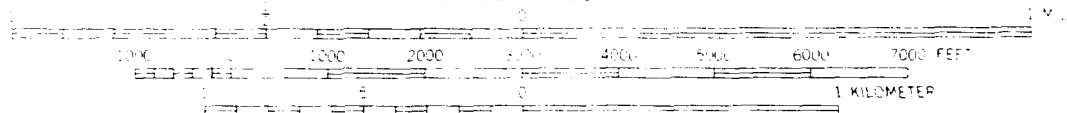
NOVEMBER 1985

ROME NORTH. GA.
N3415—W8507 5/7 5

1967

AMS 3952 I SW—SERIES V845

SCALE 1:24,000



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

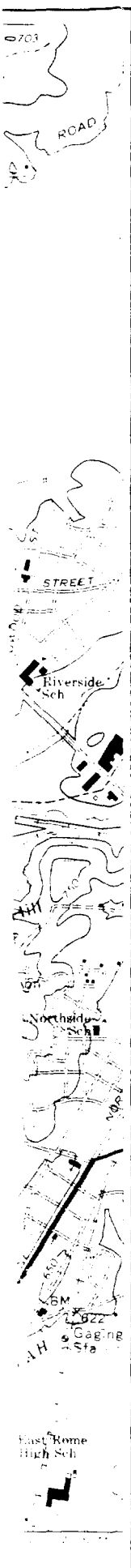
PROPOSED SITE AND VICINITY

SHORTER COLLEGE

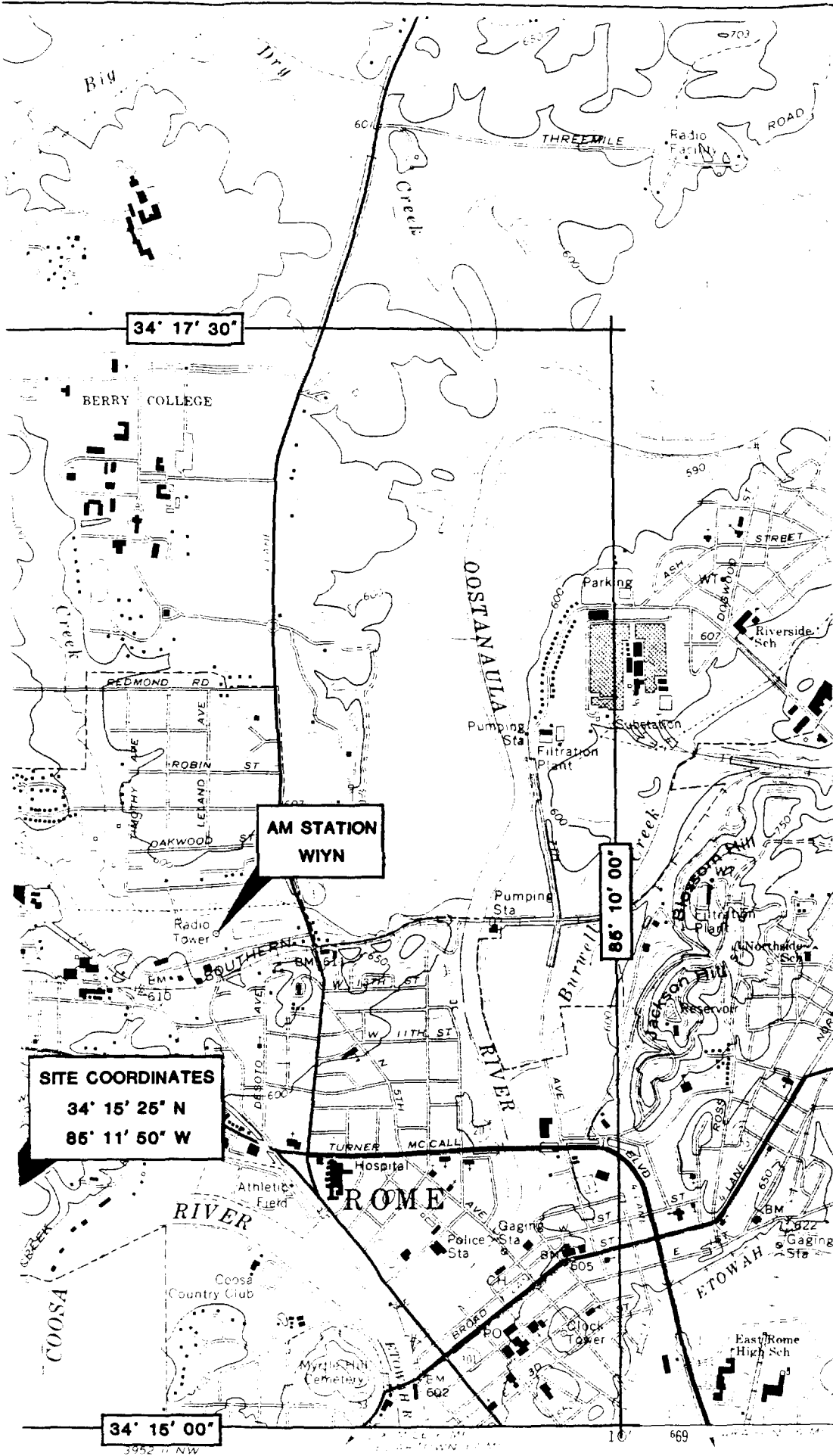
ROME, GEORGIA

CH 217C2 4.4 KW 40 M

duTreil - Rackley Consulting Engineers

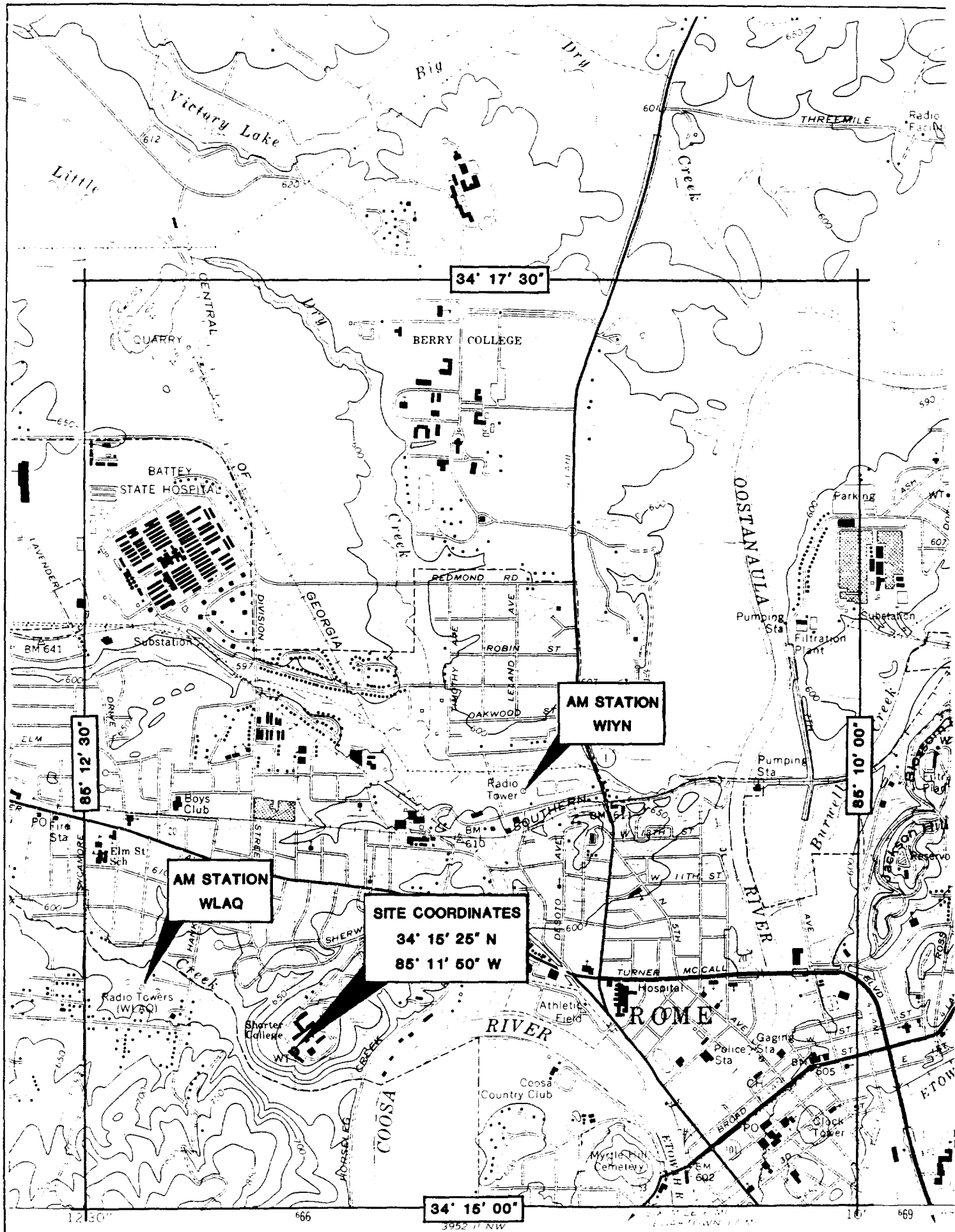


NOVEMBER 1985



PRC

duT



ENGINEERING EXHIBIT
AMENDMENT TO
APPLICATION FOR FM CONSTRUCTION PERMIT
SHORTER COLLEGE
ROME, GEORGIA
CH 217C2 4.4 KW 40 M

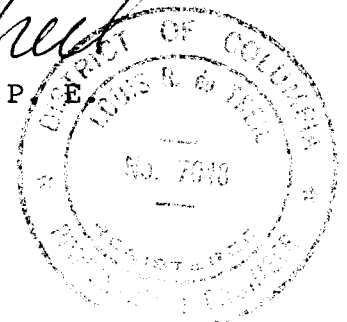
Engineering Statement

The engineering exhibit of which this statement is part was prepared on behalf of Shorter College, Rome, Georgia, in support of an amendment to its application for a new non-commercial educational FM broadcast station. This amendment reflects a change of the transmitter location only and does not change the proposed antenna height or effective radiated power.

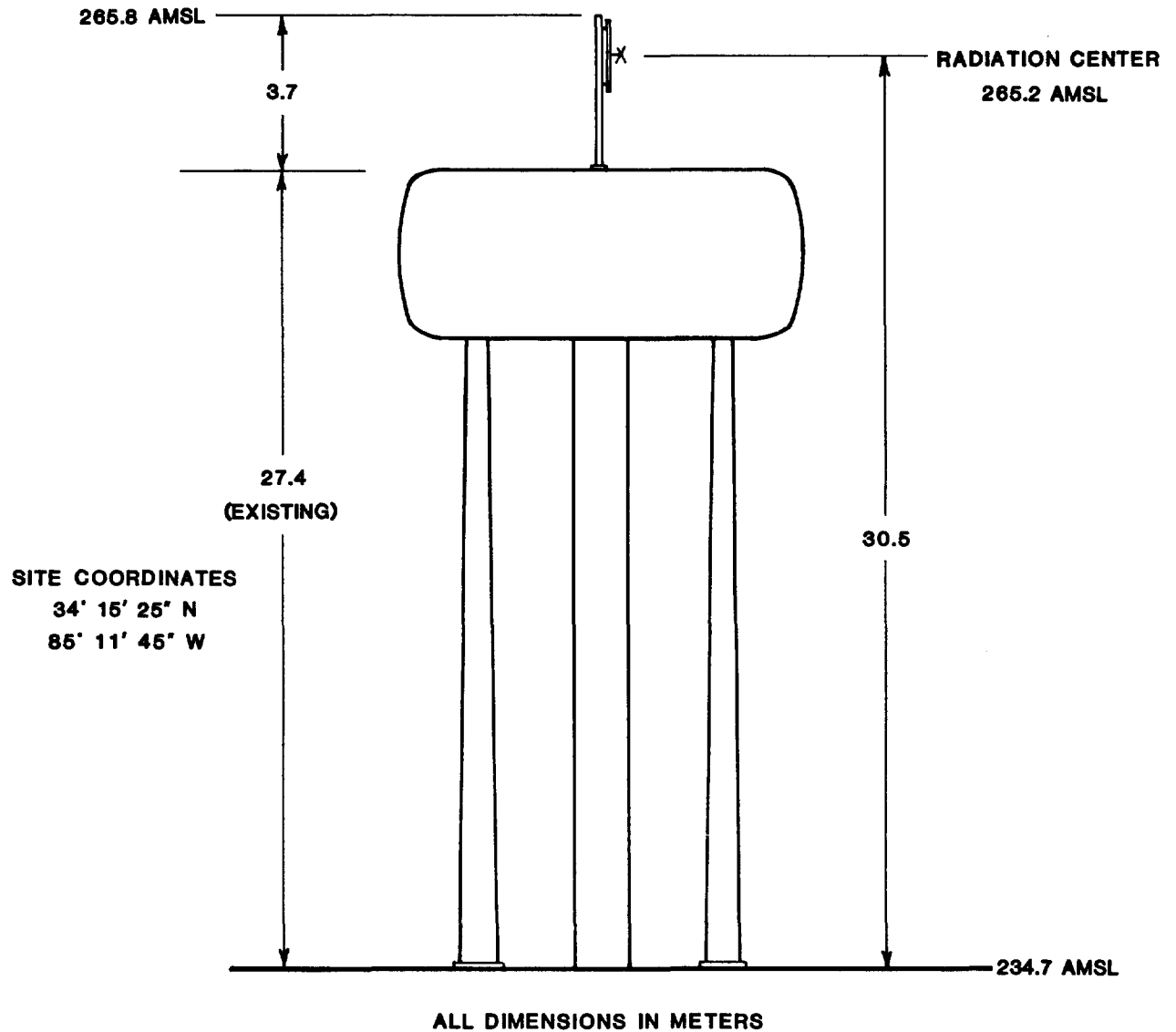
The water tower on which the proposed antenna will be mounted is actually 400 feet east of the location shown in the original application. Site elevation above mean sea level remains unchanged at 234.7 meters; therefore, only the geographic coordinates, site map and antenna sketch require modification. The site map and antenna sketch are attached as Figure 1 and Figure 2, respectively.

December 10, 1985


Louis R. du Treil, P. E.



DECEMBER 1985



PROPOSED ANTENNA AND SUPPORTING STRUCTURE

SHORTER COLLEGE

ROME, GEORGIA

CH 217C2 4.4 KW 40 M

duTreil - Rackley Consulting Engineers

EXHIBIT 1

HOW THE PROPOSED EDUCATIONAL FM STATION AT SHORTER COLLEGE WILL BE USED FOR THE ADVANCEMENT OF AN EDUCATIONAL PROGRAM

The proposed educational FM broadcast station at Shorter College will be used for the advancement of an educational program in two distinct ways.

The proposed station will first serve the Rome/Floyd County community by offering enriching music and programming not available locally. The proposed station will offer classical and other enduring music as an important part of its programming schedule. Shorter College is renowned for its Music Department, and already has an extensive and high quality audio tape library of performances which have taken place at the college. The proposed station would utilize these recordings along with commentary provided by music faculty to provide an important educational service to the local community.

Secondly, the proposed station will be staffed in part by students of the college's Communication Arts Department. This department is dedicated to an educational program in the areas of Mass Communications and Broadcasting, Speech Communication and Public Relations, and Drama. Via lab assignments, students would be involved in the station at all levels of operation.

Two radio labs are currently available to our students, a basic or beginning lab and an advanced lab. All students in the Communication Arts Department are required to take as many as three semesters of lab. These labs are currently taught in our two studio audio facility. These studios would become the nucleus of the proposed radio station. Appended as an attachment to this exhibit are the course requirement sheets for the four courses of study of the college which would require lab work.

Depending upon the students' major area of study and interest, we would propose to allow the student supervised experience in board operation and announcing, programming and planning, concept and program production, station public relations and community support, and insight and experience in the management of the station. Advanced students who intend to make their careers in broadcasting would be allowed to enter internships, or semester long full time experiences with the proposed station.

The station would provide an invaluable educational opportunity in all phases of radio broadcasting, for a wide range of students. The proposed station would provide a vital stepping stone between the classroom and professional broadcasting for

students intending to make their career in radio. For other students, those in Public Relations, Speech Communication, Drama and Theater, Marketing, and Education, to name a few, the opportunity of lab experience in the proposed radio station will add a breadth to their education which would not otherwise be available.

EXHIBIT 2

PURPOSE AND OBJECTIVE IN ESTABLISHING THE PROPOSED STATION AND STATEMENT OF PROPOSED PROGRAM POLICIES

The purpose and objective of establishing the proposed station is to further the educational programs of Shorter College, and provide radio programming not currently available to the Rome/Floyd County community.

Our first purpose is that the proposed station provide a rewarding educational experience to many of the students at Shorter College. The related objective is that students, particularly those in the Communication Arts Department, will be provided with experience at all levels of radio station operation; experience which will allow them to perform competently and creatively in professional broadcasting and related fields.

Our second purpose is to provide classical and other enduring music programming for the Rome and Floyd County community. Our objective with the proposed station is to provide community access to important programming not now available, and as a result, enrichen the community.

PROPOSED STATION POLICY

Following is the basic set of policies which would be put into effect at the proposed station.

Station Policies Regarding Programming

As Shorter College strives to remain an educational institution of the highest quality, the following policies will be used as guidelines in the selection of programming content on the college radio station:

1. All program content must be consistent with the standards of the college and the community standards of the Rome and Floyd County community.

2. Program material and program content of the proposed station shall, on the whole, be educational and/or informative for listeners in the Rome and Floyd County community.

3. Music programming of the proposed station shall be varied, but centered upon the classical tradition of music instruction of the college.

4. Specifically prohibited is program and music content which:

Glorifies, encourages, or condones the use of illegal drugs, or other harmful substances.

Encourages immoral or illegal behavior.

Contains obscene or pornographic references.

Makes misleading or untruthful representations.

Station Policies Regarding Employment

In accordance with published college policy, the proposed radio station would not discriminate on the basis of race, color, national and ethnic origin, physical handicap, or sex, with regard to employment practices, or the administration of proposed station policy.

Section VI

Equal Employment Opportunity Program

1. Does the applicant propose to employ five or more fulltime employees?

☐ YES ☒ NO

If the answer is Yes, the applicant must include an EEO program called for in the separate 5 Point Model EEO Program [FCC Form 396 (A)].

Section VII

Certification

1. Has or will the applicant comply with the public notice requirement of Section 73.3580 of the Commission's Rules?

☒ YES ☐ NO

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and are incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with Section 1.65 of the Commission's Rules, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.
U.S. CODE, TITLE 18, Section 1001.**

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this 24th day of January, 19 86.

George L. Balentine
Name of Applicant


Signature

President of the College
Title

**FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT
AND THE PAPERWORK REDUCTION ACT**

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, accountants, engineers, and application examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information requested is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested Permit.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.